

Title (en)
Connector apparatus having an ejecting mechanism.

Title (de)
Steckvorrichtung mit einem Auswurfmechanismus.

Title (fr)
Dispositif de connexion avec mécanisme d'éjection.

Publication
EP 0385750 A1 19900905 (EN)

Application
EP 90302127 A 19900228

Priority
JP 2198289 U 19890301

Abstract (en)
A connector apparatus to be connected to an IC pack comprises housing means for receiving and holding the IC pack inserted thereto, connector means for connecting electrically to the inserted IC pack, ejecting means (20) for ejecting the inserted IC pack from the connector means having at least two ejecting arms having a U-shaped cross section, two opposing sections of the ejecting arm sandwiching the housing means, and the other section (21a, 21b) perpendicular to the opposing sections being arranged to contact with the front end of the IC pack, and means for replacing the ejecting means so as to eject the IC pack from the connector means by pulling out with the ejecting arms kept in contact with the front end of the IC pack.

IPC 1-7
H01R 13/633

IPC 8 full level
G06K 7/00 (2006.01); **G06K 17/00** (2006.01); **H01R 12/18** (2006.01); **H01R 13/633** (2006.01)

CPC (source: EP KR US)
G06K 7/0047 (2013.01 - EP US); **G06K 13/0806** (2013.01 - EP US); **H01R 13/518** (2013.01 - KR); **H01R 13/633** (2013.01 - EP US)

Citation (search report)
• [A] GB 2205000 A 19881123 - DU PONT
• [A] US 4372635 A 19830208 - WALDSCHMIDT JOHN E
• [A] EP 0022194 A1 19810114 - IBM [US]
• [A] DE 3527916 A1 19870212 - CANNON ELECTRIC GMBH [DE]
• [A] US 4381131 A 19830426 - DEMNANIUK EUGENE F

Cited by
US6146165A; EP0540308A1; EP0622720A1; EP0575832A1; EP0532346A3; EP1073006A1; US6002605A; US6137710A; US6166431A; GB2267001A; US5822190A; US6085412A; EP0534138A1; US5374198A; US6022763A; US6054774A; EP0547255A1; EP0547286A1; EP1024453A1; EP0635801A3; US6141210A; US6147860A; US6147861A; EP0687036A2; US6333212B1; WO9854795A1; US6201295B1; US6274926B1; US6381662B1; US6266724B1; US6362957B1; US7137011B1; US6981068B1; US6893268B1; EP0473418B1; US7355874B2; US7106609B2; US6947332B2; US6628537B1; US6434034B1; US6252791B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0385750 A1 19900905; EP 0385750 B1 19940608; AT E107085 T1 19940615; AU 5052990 A 19900906; CA 2011305 A1 19900901; DE 69009528 D1 19940714; DE 69009528 T2 19950112; HK 1000399 A1 19980313; JP H02115278 U 19900914; JP H0733402 Y2 19950731; KR 0162089 B1 19990115; KR 900015388 A 19901026; US 5011420 A 19910430

DOCDB simple family (application)
EP 90302127 A 19900228; AT 90302127 T 19900228; AU 5052990 A 19900228; CA 2011305 A 19900301; DE 69009528 T 19900228; HK 97101979 A 19971021; JP 2198289 U 19890301; KR 900002869 A 19900228; US 48497290 A 19900226